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63-14184

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molecule. By this solvation the macromolecules become immovable and make the "softened" material harder. Only with higher concentrations of plasticizer is the peculiar plasticizing effect of the plasticizer fulfilled. The data obtained for several plasticizers, for pure PVC, for a vinyl chloride mixed polymer, for plasticizer to which was added a precipitant for the polymer, may be arranged easily in this conception. Some recently appearing articles concerning this same effect are examined critically. (Author)

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